

GATILIN, Nikolay Fedorovich, prof.; PROKHOROV, V.P., retsenzent; PRITYKINA,
L.A., red.; KISINA, Ye.I., tekhn.red.

[Planning and designing of bakeries] Proektirovanie khlebozavodov.
Moskva, Pishchepromizdat, 1960. 427 p. (MIRA 14:1)

1. Moskovskiy tekhnologicheskii inatitut pishchevoy promyshlennosti
(for Gatilin); 2. Glavnyy inzh. Gipropishcheproma (for Prokhorov).
(Bakers and bakeries)

RESINA, N.G.; PRITYKINA, L.A., red.; TARASOVA, N.M., tekhn.red.

[Production of canned fruits] Proizvodstvo kompotov. Moskva,
Pishchepromizdat, 1959. 45 p. (MIRA 13:10)
(Canning and preserving)

PRITYKINA, L. A.

ALTUNDZHI, Sergey Vladimirovich; BUKHARIN, Viktor Vladimirovich;
DOBKINA, Yevgeniya Abramovna; KUZNETSOV, Nikolay Mikhaylo-
vich, inzh.; POPOVA, Kseniya Georgiyevna; TEZIKOV, Aleksandr
Dmitriyevich; FRADIN, Leon Romanovich; BADYL'KES, I. TS.,
doktor tekhn.nauk, retsenzent; SKIRSTYMONSKIY, A. I., inzh.,
retsenzent; PRITYKINA, L. A., red.; SOKOLOVA, I. A., tekhn.red.

[Production and use of liquid carbonic acid] Proizvodstvo i
primeneniye zhidkoi uglekisloty. Moskva, Pishchepromizdat,
1959. 207 p. (MIRA 13:2)

(Carbonic acid)

141 141 141 141
KOMAROV, N.I.; FARBOVSKIY, V.I., spetsredaktor; PRITYKINA, L.A., red.;
YAROV, B.M., tekhn.red.

[Using waste products of food enterprises for livestock feed]
Ispol'zovanie kormovykh otkhodov pishchevykh predpriatii dlia
nuzhd shivotnovodstva. Moskva, Pishchepromizdat, 1957. 26 p.
(MIRA 10:12)
(Feeding and feeding stuffs)

VOSTOKOV, A.I.; LEPESHKIN, I.P.; PRITYKINA, L.A., red.; SOKOLOVA, I.A.,
tekh. red.

[Manufacture of sugar from beets] Proizvodstvo sakhara iz
svekly. Izd. 2. Moskva, Pishchepromizdat. No.6. [Production
of lime, lime milk, and carbonation gas] Poluchenie izvesti,
izvestkovogo moloka i saturatsionnogo gaza. 1960. 45 p.
(MIRA 14:5)

(Sugar manufacture) (Lime) (Carbon dioxide)

RODOPULO, Aleksandr Konstantinovich; AGABAL'YANTS, G.G., doktor
sel'khoz. nauk, reitsenent; VECHER, A.S., doktor biol. nauk,
spets. red.; PRITYKINA, L.A., red.; SATABOVA, A.M., tekhn.
red.

[Biochemical processes in wine making] O biokhimicheskikh pro-
tsessakh v vinodelii. Moskva, Pishchepromizdat, 1962. 178 p.
(MIRA 16:2)

(Wine and wine making--Analysis)

PUCHKO A, Lyubov' Ivanovna; SHKVARKINA, T.I., kand. tekhn. nauk,
retsensent; ROYTER, I.M., kand. tekhn. nauk, retsensent;
AUERMAN, L.Ya., prof., red.; FRITYKINA, L.A., red.

[Practical laboratory work on the technology of bread bak-
ing] Laboratornyi praktikum po tekhnologii khlebopecheniia.
Moskva, Izd-vo "Pishchevaia promyshlennost'," 1964. 145 p.
(MIRA 17:7)

VOSTOKOV, A.I.; DERCHINSKIY, F.A.; YEPISHIN, A.S.; KATS, V.M.;
KLEYMAN, B.M.; LEPESHKIN, I.P.; LIEKIND, L.I. [deceased];
MEL'NIK, M.K.; POPOV, N.G.; STUDENETSKIY, V.A.;
FRIDMAN, S.Yo.; SHAPIRO, A.I.; SILIN, P.M., prof.,
retsenzent; VINOGRADOV, N.V., prof., retsenzent;
PRITYKINA, L.A., red.

[Manual for a sugar worker] Spravochnik sakharnika. Mo-
skva, Pishchepromizdat. Pt.1. 1963. 699 p.
(MIRA 17:5)

VIDANOV, Konstantin Kharitonovich; TOKAREV, L.I., kand. tekhn.nauk,
spets. red.; PRITYKINA, L.A., red.; KISINA, Ye.I., tekhn.
red.

[Baked products] Muchnye konditerskie izdeliia. Moskva, Pi-
shchepromizdat. Pt.2. [Production of cookies, bisquits,
crackers, gingerbread and waffles] Proizvodstvo pechen'ia,
galet, krekerov, prianikov i vafel'. 1962. 233 p.
(Baked products) (MIRA 15:8)

VOSTOKOV, A.I.; LEPESHKIN, I.P.; PRITYKINA, L.A., red.; SOKOLOVA, I.A.,
tekhn. red.

[Manufacture of sugar from beets] Proizvodstvo sakhara iz svekly.
Izd.2. Moskva, Pishchepromizdat. No.3. [Juice and sirup purification]
Ochistka soka i siropa. 1960. 58 p. (MIRA 14:12)
(Sugar manufacture) (Sugar beets)

TIKHOMIROV, V.V., kand.tekhn.nauk; GRZHIVO, V.S., kand.tekhn.nauk,
apetsred.; PRITYKINA, L.A., red.; TARASOVA, N.M., tekhn.red.

[Sulfuring of fruits and vegetables and semiprocessed
products] Sul'fitatsiia plodoovoshchnogo syr'ia i polu-
fabrikatov. Moskva, Pishchepromizdat, 1959. 165 p. (MIRA 12:11)
(Canning and preserving)

RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; BODYAZHINA, Z.I.; VENGEROVA, N.V.; VISHNAPOL'SKAYA, P.A.; GALUSHKINA, N.A.; GAVRILENKO, I.V.; GRAUVERMAN, L.A.; IRODOV, M.V.; KARANTSEVICH, L.G.; KREYSINA, R.A.; KUPCHINSKIY, P.D.; LEVIT, M.S.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.; LYUBCHANSKAYA, Z.I.; MAZYUKOVICH, V.A.; MAN'-KOVSKAYA, N.K.; NEVOLIN, P.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.; SARKISOVA, V.G.; SEMENOV, Ye.A.; STERLIN, B.Ye.; SERGEYEV, A.G., kand.tekhn.nauk, obshchiy red.; PRITYKINA, L.A., red.; TARASOVA, N.M., tekhn.red.

[Technical and chemical production control and accounting in the oils and fats industry] Tekhnokhimicheskii kontrol' i uchet proizvodstva v maslodobyvaushchei i zhiropererabatyvaushchei promyshlennosti. Moskva, Pishchepromizdat. Vol.1. 1958. 403 p. (C11 industries) (MIRA 13:1)

SHNAYDMAN, L.O., kandidat tekhnicheskikh nauk, spetsredaktor; PRITYKINA,
L.A., redaktor; CHEBYSEVA, Ye.A., tekhnicheskiiy redaktor

[Vitamins] Vitaminy. Moskva, Pishchepromizdat. Pt.1. 1956. 141 p.
(MIRA 10:2)

1. Russia (1923- U.S.S.R.) Ministerstvo promyshlennosti
prodovol'stvennykh tovarov.
(VITAMINS)

RUSHKOVSKIY, Sergey Vladimirovich; YERMAKOV, A.I., kandidat biologicheskikh nauk, spetsredaktor; PRITYKINA, L.A., redaktor; MUSTAFIN, A.M., tekhnicheskiiy redaktor.

[Research methods in the breeding of oilseed plants for oil content and oil quality] Metody issledovaniia pri selektsii maslichnykh rastenii na sodershanie masla i ego kachestvo. Moskva, Pishchepromizdat, 1957. 117 p.

(Oilseed plants) (Oil analysis)

(MIRA 10:6)

PRITYKINA, L. A.

BASHIROV, Farid Bashirovich; M.L.NIK, S.A., professor, retsentrant; NEGRULI,
A.M., professor, retsentrant; PRITYKINA, L.A., redaktor; CHEBYCHEVA,
Ye.A., tekhnicheskiy redaktor

[Growing grapes from seeders] Vyrashchivaniye vinograda na nasychakh,
Moskva, Pishchepromizdat, 1957. 116 s.
(Viticulture) (MLB 10:10)

VEKSLER, Boris Aleksandrovich, kand.tekhn.nauk; MILYUTIN, Aleksey Arsen'ye-
vich, kand.tekhn.nauk; MARKER, Vanda Edmundovna, inzh.; SIDOROVA,
Yelena Konstantinovna, kand.tekhn.nauk; KRAVCHENKO, S.F., inzh.,
retsensent; SOLNTSEVA, N.V., inzh., spetsred.; PRITYKINA, L.A.,
red.; KISINA, Ye.I., tekhn.red.

[Control in industrial chemistry and accounting in potato starch
and sirup production] Tekhnokhimicheskii kontrol' i uchast karto-
felekrakhamelo-patochnogo proizvodstva. Moskva, Pishchepromizdat,
1960. 245 p. (MIRA 13:11)

(Starch industry)

(Production control)

Pritykina, L.A.

BLAGONRAVOV, Petr Porfir'yevich, kand.sel'skokhozyaystvennykh nauk; NEGRUL', A.M., prof., retsenzent; SKUIN', K.P., kand.sel'skokhozyaystvennykh nauk, spetsredaktor; PRITYKINA, L.A., red.; SOKOLOVA, I.A., tekhn. red.

[Choice of location for vineyards and the selection of varieties]
Vybor uchastka dlia zakladki vinogradnika i podbor sortov. Moskva,
Pishchepromizdat, 1958. 164 p. (MIRA 11:7)
(Viticulture)

FRITYKINA, L.A.

METLITSKIY, L.V., doktor sel'skokhozyaystvennykh nauk; TSEKHOMSKAYA, V.M.,
kandidat sel'skokhozyaystvennykh nauk; RUBIN, B.A., professor,
spetsredaktor; FRITYKINA, L.A. redaktor; GOTLIB, E.M., tekhi-
cheskiy redaktor.

[Picking and storing apples] Uborka i khranenie iablok, Moskva,
Pishchepromizdat, 1956. 125 p. (MLRA 10:6)
(Apple)

BUKHARIN, Viktor Vladimirovich; LUCHIN, Boris Georgiyevich; SEROMYEV, A.G.,
kand.tekhn.nauk, retsenzent; PRITYKINA, L.A., red.; SOKOLOVA,
I.A., tekhn.red.

[Safety engineering in the oils and fats industry] Tekhnika bez-
opasnosti v maslozhirevoi promyshlennosti. Izd.2., perer. i dop.
Moskva, Pishchepromizdat, 1959. 197 p. (MIRA 12:6)
(Oil industries--Safety measures)

BAKHOV, N.A.; BURMAN, M.Ye., inzhener; SOLNTSEVA, N.V.; PRITYKINA, L.A.,
redaktor; MEDVEDEVA, L.A., tekhnicheskii redaktor

[Reference manual for starch and syrup production] Spravochnik po
krakhmalo-patochnomu proizvodstvu. Pod red. M.E.Burmana. Moskva,
Pishchepromizdat, 1952. 376 p. (MLFA 7:9)
(Starch industry) (Syrups)

DONSKOV, Vasil'yefimovich, dotsent, kand.ekon.nauk; ZUYEVA, Raisa Vasil'yevna, kand.ekon.nauk; KRUSHKOVA, Raisa Vasil'yevna, kand.ekon.nauk; MESHKOV, Yuriy Konstantinovich, dotsent, kand.ekon.nauk; MOISEYEV, Petr Nikitich, dotsent, kand.ekon.nauk; PONOMAREVA, Irina Andreyevna, kand.ekon.nauk; KHINKIS, Lev Akimovich, starshiy prepodavatel'; KAMENITSER, S.Ye., kand.ekon.nauk, retsenzent; nauchnyy red.; BULGAKOV, G.V., kand.ekon.nauk, retsenzent; SHVARTS, V.M., inzh.ekonomist, retsenzent; PRIYKINA, L.A., red.; SOKOLOVA, I.A., tekhn.red.

[Production organization and planning in food industry enterprises]
Organizatsiya i planirovaniye proizvodstva na predpriyatiyakh pishchevoy promyshlennosti. Moskva, Pishchepromizdat, 1959. 605 p. (MIRA 12:9)
(Food industry)

KRAVCHENKO, S.F.; TRUKHACHEVA, A.A.; SIPIYAGIN, A.S., professor, retsenzent;
BURMAN, M.Ye., inzhener, retsenzent; PRITYKINA, L.A., redaktor; MEDVE-
DEVA, L.A., tekhnicheskiy redaktor.

[Technochemical control and calculation of the production of corn-
starch products, Tekhno-khimicheskii kontrol' i uchet proizvodstva
krakmaloproduktov iz kukuruzy. Moskva, Pishchepromizdat, 1954.
162 p.

(Cornstarch)

(MLRA 8:1)

PRITYKINA, L.A.

LOKSHIN, Ya.Yu.; BERSHADSKIY, G.Yu.; ZHEBROVSKIY, V.V.; MURAVIN, Ya.G.;
MAKEYEV, S.N., inzhener, redaktor; KOLESHNIKOVA, P.Yu., inzhener,
retsensent; ADAMOVSKIY, I.I., inzhener, retsensent; PRITYKINA,
L.A., redaktor; GOTLIB, E.M., tekhnicheskii redaktor

[Lacquering and printing in tin can production] Lakirovanie i
pechatanie v shestianobanochnom proizvodstve. Moskva, Pische-
promizdat. 1954. 299 p. (MLRA 8:5)
(Container industry)

BAKANOV, N.A., kandidat tekhnicheskikh nauk; BURMAN, M.Ye., inzhener,
retsensent; PRITYKINA, L.A., redaktor; KISINA, Ye.I., tekhnicheskiy redaktor.

[Production of sago] Proisvodstvo sago. Moskva, Pishcheprom-
izdat; 1955. 33 p.
(Sago) (Starch) (MLRA 9:5)

KRICHMAR, Matvey Semenovich; FISHMAN, A.I., inzhener, retsenzent; OKHREMENKO, N.S., kandidat s.-kh. nauk, redaktor; PRITYKINA, L.A., redaktor; KISINA, Ye.I., tekhnicheskij redaktor.

[Losses in the processing of wine by-products and ways of preventing them] Poteri pri pererabotke pobochnykh produktov vinogradnogo vinodeliia i bor'ba s nimi. Moskva, Pishchepromizdat, 1955. 98 p.
(Wine and wine making) (MLRA 9:5)

BAKANOV, N.A.; BURMAN, M.Ye.; BYCHKOV, B.K.; VEKSIAR, B.A.; LUKOYANOV, V.I.;
MALYZHEV, A.A.; MILYUTIN, A.A.; PRITYKINA, L.A., red.; KISINA, Ye.I.,
tekhn.red.

[Technology and control of starch and molasses production] Tekhno-
logiia i tekhnokhimicheskii kontrol' krakhmalo-patochnogo proizvod-
stva. Pod red. M.E.Burmana. Moskva, Pishchepromizdat, 1957. 402 p.
(Starch) (Molasses) (MIRA 11:2)

ROZHKOV, Mikhail Ivanovich, kandidat biologicheskikh nauk; SMIRNOV, Nikita Yefimovich; PRITYKINA, L.A., redaktor; CHEBYsheva, Ye.A., tekhnicheskiiy redaktor

[Plants rich in vitamins] Vitaminnye rasteniia. Moskva, Pishchepromizdat, 1956. 196 p.
(Vitamins) (Botany, Medical) (MIRA 9:10)

BEER, Aleksey Alekseyevich; RUBTSOV, Ivan Andrianovich; NAZAROV, I.N.,
akademik, retsenzent; PREOBRAZHENSKIY, N.A., professor, retsenzent;
BUKIN, V.N., professor, spetsredaktor; PRITYKINA, L.A., redaktor;
GOTLIB, E.M., tekhnicheskii redaktor

[Synthesis of vitamins] Sintez vitaminov. Moskva, Pishchepromizdat,
1956. 258 p. (MLA 10:1)
(VITAMINS)

VESELOV, I.Ya., doktor biol.nauk; SHATKHAN, A.S., kand.ekon.nauk;
DOMSKOV, V.Ye., kand.ekon.nauk, retsenzent; KRUCHININ, V.F.,
inzh., retsenzent; PRITYKINA, L.A., red.; KISINA, Ye.I.,
tekhn.red.

[Brewing industry of the U.S.S.R. and prospects for its
development] Pivovarennaya promyshlennost' SSSR i perspektivy
ee razvitiya. Moskva, Pishchepromizdat, 1961. 236 p.

(Brewing industry)

(MIRA 14:4)

MASLENIKOV, V.A.; PRIYATKINA, L.A.

Petrographic and petrochemical features of Proterozoic granites
in the Kontozero region (Kola Peninsula). Trudy Lab.geol. dokem.
no.9:158-175 '59. (MIRA 13:11)
(Kola Peninsula--Granite)

PRIVALOV, G.F.

Vitality of birch seeds during ripening and storage. Bot.
zhur. 45 no.1:149-151 Ja '60. (MIRA 13:5)
(Birch) (Germination)

GENIN, Samuil Adol'fovich; KNIZHNIK, Vasily Petrovich; SPIRIDONOV, D.I.,
inzhener, spetsredaktor; PRITYKINA, L.A., redaktor; KISINA, Ye.I.,
tekhnicheskii redaktor.

[Commercial drying of vegetables and potatoes] Promyshlennais sushka
ovoshchei i kartofelia. Moskva, Pishchepromizdat, 1956. 97 p.
(Vegetables--Drying) (MLRA 10:4)
(Potatoes--Drying)

SIVOLAP, Ivan Kuz'mich; SHATKHAN, A.S., spetsredaktor; PRITYKINA, L.A.,
redaktor; KISINA, Ye.I., tekhnicheskiiy redaktor

[Food industries of Italy] Na pishchevykh predpriatiyakh Italii.
Moskva, Pishchepromizdat, 1956. 92 p. (MLRA 10:2)
(Italy--Food industry)

ASMAEV, Petr Georgiyevich, kandidat sel'skokhozyaystvennykh nauk; SMIRNOV, A.P., kandidat biologicheskikh nauk, retsenzent; IL'IN, G.S., retsenzent; MASHKOVTSSEV, M.F., kandidat tekhnicheskikh nauk, spetsredaktor; PRITYKINA, L.A., redaktor; CHEBYSHEVA, Ye.A., tekhnicheskii redaktor

[Development of varieties and the fermentation of tobacco] Sortovedenie i fermentatsiya tabaka. Moskva, Pishchepromizdat, 1956. 395 p.
(Tobacco) (MIRA 10:3)

KOROL'KOV, S.I., kandidat tekhnicheskikh nauk, redaktor; PRITYKINA, L.A.,
redaktor; CHIBYSHEVA, Ye.A., tekhnicheskiiy redaktor

[Vitaminization of food production] Vitaminizatsiya pishchevykh
produktov. Pod red. S.I.Korol'kova. Moskva, Pishchepromizdat, 1955.
53 p. (MLRA 9:11)

1. Moscow. Vsesoyuznyy nauchno-issledovatel'skiy vitaminnyy institut.
(VITAMINS)

KOROL'KOV , S.I., kandidat tekhnicheskikh nauk, redaktor; PRITYKINA, L.A.,
redaktor; CHEBYSHEVA, Ye.A., tekhnicheskiiy redaktor

[The technology and use of vitamin A and carotene] Tekhnologiya i
primeneniye vitamina A i karotina. Pod red. S.I.Korol'kova. Moskva,
Fishchepromizdat, 1956. 136 p. (MLRA 9:8)

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(VITAMINS-A) (CAROTENE)

PRITYKINA, L.A.

BODYAZHINA, Z.I.; VENGEROVA, N.V.; GEYSHINA, K.V.; GRAUERMAN, L.A.;
IRODOV, M.V.; KARANTSEVICH, L.G.; KRAL'-OSIKINA, G.A.;
KUPCHINSKIY, P.D.; LEONT'YEVSKIY, K.Ye.; LITVINENKO, V.P.;
LYUBCHANSKAYA, Z.I.; MAZYUKOVICH, V.A.; MAN'KOVSKAYA, N.K.;
NEVOLIN, F.V.; POGONKINA, N.I.; POPOV, K.S.; PREMET, G.K.;
RZHEKHIN, V.P., starshiy nauchnyy sotrudnik; SARKISOVA, V.G.;
SEME NOV, Ye.A.; STERLIN, B.Ya.; TIPISOVA, T.G.; SERGEYEV,
A.G., kand.tekhn.nauk, red.; PRITYKINA, L.A., red.; GOTLIB,
E.M., tekhn.red.

[Technochemical control and production accounting in the oils
and fats industry] Tekhnokhimicheskii kontrol' i uchet proiz-
vodstva v maslodobyvayushchei i zhiropererabatyvayushchei pro-
myshlennosti. Moskva, Pishchepromizdat. Vol.2. [Special
methods in the analysis of raw material and semiprocessed and
finished products] Spetsial'nye metody analiza syr'ia, polu-
fabrikatov i gotovoi produktsii. 1959. 495 p. (MIRA 13:5)
(Oil industries) (Oils and fats--Analysis)

PROKHOROV, Vasilii Romanovich; GULYAYEV, V.N., inst., respondent,
FRITYKINA, L.A., red.

[Manufacture of food products from potato and corn] Proiz-
vodstvo pishchevykh produktov iz kartofella i kukurury.
Moskva, Pishchevaya promyshlennost', 1965. 307 p.
(MIRA 18:10)

PRITYKINA, L.N.

Materials on morphological and ecological classification of
the larvae of dragonflies (Odonata). Ent. oboz. 44 no.3:503-
519 '65. (MIRA 18:9)

1. Kafedra entomologii Moskovskogo gosudarstvennogo universiteta,
Moskva.

PRITYKO, G.I.; MURAKAYEVA, A., red.; RAKHMATULLIN, F., tekhn. red.

[Manufacture of local building materials on collective farms]
Proizvodstvo mestnykh stroitel'nykh materialov v kolkhozakh.
Tashkent, Gos. izd-vo UzSSR, 1952. 56 p. (MIRA 11:10)
(Building materials)

S/149/61/000/004/005/008
A006/A101

25548

18-3100

AUTHORS: Zelikman, A. N.; Pritulo, V. F.

TITLE: Investigating the autoclave method of rhenium production from potassium perrhenate

PERIODICAL: Izvestiya vysshikh uchebnykh zavedeniy, Tsvetnaya metallurgiya, no. 4, 1961, 111-120

TEXT: Information is given on the autoclave method of rhenium precipitation from potassium perrhenate solutions at elevated temperatures and high hydrogen pressure. The authors studied the effect of the medium (initial acidity of the solution), partial hydrogen pressure, temperature, time and potassium perrhenate concentration, on the rate and degree of rhenium deposition and on the composition of the deposits and the metallic powder obtained. The investigation was made with the participation of graduate A. Peredereyev, on a stainless steel 1-liter autoclave with a magnetic mixer designed by Vishnevskiy. The section of the mixer that is located in the reaction zone and the impeller, are made of titanium. The autoclave was heated by a dismountable electric furnace whose temperature was regulated by an electronic potentiometer ЭПД-12 (EPD-12). The

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Investigating the autoclave method ...

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batch of potassium perrhenate was placed into a quartz glass container, filled with 200 ml distilled water and the rated amount of sulfuric acid. After heating the autoclave to a given temperature, the mixer was switched on and the hydrogen was added until the required partial pressure was attained. The pressure was maintained constant. The results of each experiment were evaluated from the rhenium content in the solution and in the washed and dried precipitate, and from changes in pH of the solution. Rhenium content in the solutions was determined by the photocalorimetric method and in the precipitates by the weight method. The precipitates were reduced with hydrogen to metal and the rhenium metal was analyzed as to its content of potassium sodium and calcium. It was found that 98 - 99% Re were precipitated into a deposit which contained rhenium particles and lower Re oxides under the following conditions: potassium perrhenate concentration 25 - 150 g/l; hydrogen pressure 10-60 atm.; temperature 200°C. It is shown that under optimum conditions of autoclave reduction ($KReO_4$ = concentration = 100 g/l; P_{H_2} = 60 atm.; t = 200°C; initial acidity 1.0 g-equ/l.; reduction time = 1 hour) rhenium powders do not contain over 0.002 - 0.003% admixtures of potassium, sodium and calcium. These values which are permissible in respect to the sintering properties of powder-pressed rhenium, correspond to the purity of rhenium obtained from ammonium perrhenate by the conventional

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Investigating the autoclave method ... ²⁵⁵⁴⁸

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method. Preliminary tests performed by engineer Ye. I. Pavlova, showed the possibility of using rhenium powders obtained by the autoclave method for sintering producing compact malleable metal. There are 7 figures, 6 tables and 10 references: 4 Soviet-bloc and 6 non-Soviet-bloc.

ASSOCIATIONS: Krasnoyarskiy institut tsvetnykh metallov (Krasnoyarsk Institute of Non-Ferrous Metals); Kafedra metallurgii redkikh metallov (Department of Metallurgy of Rare Metals)

SUBMITTED: April 12, 1961

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PRITVITS, N. A.

Cand Tech Sci - (diss) "Hydromechanical calculations of streams in the presence of eddyding." Moscow, 1961. 15 pp; (Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev); 200 copies; price not given; (KL, 6-61 sup, 224)

VOSTOKOV, A.I.; LEPESHKIN, I.P.; PRITYKINA, L.A., red.; PEREDERIY, S.P.,
tekhn. red.

[Manufacture of beet sugar] Proizvodstvo sakhara iz svekly. Izd.2.
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bleaching the massecuite, and producing the granulated sugar] Varka,
kristallizatsiia, probelka utfelei i poluchenie sakhara-peska. 1960.
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GABUNIYA, G.A.; GABUNIYA, Sh.V.; GANGIYA, A.A.; COGOBERIDZE, Ya.A.;
DZIMISTARISHVILI, A.I. [deceased]; ZNAMENSKIY, K.F.; KVANTALIANI,
N.A.; NIKOLAYSHVILI, V.S.; TOPADZE, L.I.; KHUNTSARIYA, A.G.; YAKO-
BASHVILI, N.Z.; DZHOMARDZHIDZE, G.S., red.; ROYNISHVILI, N.I., red.;
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Pishchepromizdat, 1961. 162 p. (MIRA 14:9)
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(MIRA 16:11)

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PRITYTSKIY, S.

Public control is an effective control. Sov. profsoiuzy 19
no.16:4-6 Ag '63. (MIRA 16:10)

1. Sekretar' Tsentral'nogo komiteta Kommunisticheskoy partii
Belorussi, predsedatel' Belorusskogo respublikanskogo komiteta
partiyno-gosudarstvennogo kontrolya, Minsk.

TSIVAILOV, A.

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BR-52059019

SEMERYUK, V.I., inzh.; EL'YANOVA, L.I., inzh.; PRITYKINA, S.Z., inzh.

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(MIRA 16:7)

1. Dnepropetrovskiy zavod shakhtnoy avtomatiki.
(Cleaning compounds)

BUTNIKOV, Nikolay Danilovich; PRITYKO, V.P., retsenzent;
SHEVCHENKO, N.S., retsenzent; NOZDRINA, V.A., red.

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New design of flask for the upper half of molds. Lit. proizv.
no.3:36 Mr '64. (MIRA 18:9)

8A

Vegetable and plant storage in trenches. A. F. Trivalov. (Sad i
Ogorod, 1960, No. 9, 82-83; Hort. Abstr., 1961, 81. 81)---Onion,
cabbages, and carrot seed plants overwintered well in 1-m. deep
trenches before being planted out in the second year for seed
production three.

KRISS, Anatoliy Yevseyevich, doktor biologicheskikh nauk, professor;
PRIVALENKO, L.V., redaktor.

[Microorganisms and the biological productivity of bodies of
water] Mikroorganizmy i biologicheskaya produktivnost' vodoemov.
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rasprostraneniю politicheskikh i nauchnykh znaniy. Ser. 3, no. 32)
(MIRA 7:8)

(Fresh-water biology) (Marine biology)

STREL'CHUK, Ivan Vasil'yevich, professor, doktor meditsinskikh nauk;
TSIL'SHTYKH, A.I., redaktor; PRIVALENKO, L.V., redaktor; ISLENT'YE-
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STEPANYAN, Ye. P., prof.; PRIVALENKO, M. N.; PETROSYAN, M. V.

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antistreptokinase, bacterial antihyaluronidase and antistrepto-
lysin-O — in the blood serum in acquired heart defects. Khirurgiia
no.2:13-18 '62. (MIRA 15:2)

1. Iz Instituta serdechno-sosudistoy khirurgii (dir. - prof.
S. A. Kolesnikov, nauchnyy rukovoditel' - akad. A. N. Bakulev)
AMN SSSR.

(RHEUMATIC HEART DISEASE) (ANTISTREPTOLYSINS)
(ANTIHYALURONIDASE) (ANTISTREPTOKINASE)

ZMYZGOVA, A.V.; KAYNOVA, A.S.; PRIVALENKO, M.N.

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(MIRA 16:10)
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1. Iz kliniko-biokhimicheskoy laboratorii (zav. - prof. A.N.
Kvyatkovskaya) Instituta revmatizma (dir. deystvitel'nyy
chlen AMN SSSR A.I.Nesterov) AMN SSSR.
(COLLAGEN DISEASES) (PROTEIN METABOLISM)

LEBEDEV, I.I., kand. tekhn. nauk; PRIVALIKHIN, G.K., inzh.

Effect of mechanical underfiring and intensity of the sulfating of
the ash of Nazarov coal. Teploenergetika 12 no.6:73-74 Ja '65.
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1. Tomskiy politekhnicheskii institut.

PRIVALOV, A.A.

Interpolation on sets of zero measure. Uch. zap. MGPI no.188:
163-169 '62. (MIRA 16:9)

(Aggregates) (Interpolation)

PRIVALOV, A.A.

Interpolation on denumerable sets. Usp. mat. nauk 19 no.4:
197-200 '64. (MIRA 17:10)

PRIVALOV, A.A. (Stavropol')

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Mat. sbor. 66 no.2:272-286 F '65. (MIRA 18:4)

PRIVALOV, A.A. (Stavropol')

Interpolation on sets of zero measure. Mat. sbor. 60
no.1:29-38 Ja '63. (MIRA 16:2)
(Interpolation)

BESSONOVA, M.A.; PRIVALOV, A.F.

Comparative characteristics of the growth of *Corynebacterium diphtheriae* on coagulated serum and tellurite-cystine medium; author's abstract. Zhur. mikrobiol., epid. i immun. 40 no.4: 54 Ap '63. (MIRA 17:5)

1. Iz Krymskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

PRIVALOV, A.F.; BESSONOVA, M.A.

Apropos of the article "Simplifying and improving the bacteriological diagnosis of the carrying of *Salmonella*" by T.B. Gordiev and collaborators. Lab. delo 8 no.10z44-46 '62 (MIRA 17:4)

1. Bakteriologicheskaya laboratoriya Krymskoy oblastnoy sanitarno-epidemiologicheskoy stantsii.

L 40166-66 ENT(1) SCTB DD

SOURCE CODE: UR/0413/66/000/013/0147/0147

ACC NR: AP6025681

INVENTOR: Privalov, A. I.; Yefremov, Ye. T.; Perkua, G. V.; Korovochkin, Yu. N.;
Lavrov, G. D.; Barykin, L. N.; Korolev, A. A.; Rakhleyeva, T. N.;
Nikonorov, B. I.; Stepner, B. P.; Vasil'yeva, V. S.

ORG: none

TITLE: Annular parachute.² Class 62, No. 183608

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 147

TOPIC TAGS: parachute, cargo parachute

ABSTRACT: An Author Certificate has been issued for an annular supply parachute consisting of a main canopy with shroud lines leading from the lower rim and brought

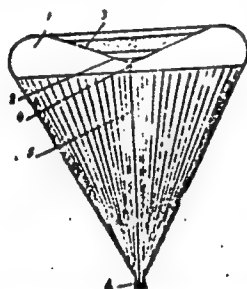


Fig. 1. Annular parachute

- 1 - Main canopy; 2 - auxiliary canopy;
- 3 - internal shroud lines; 4 - small eye ring;
- 5 - central strand; 6 - main eye ring.

Card

1/2

UDC: 629.13.01/06

L 40166-66

ACC NR: AP6025681

into an eye ring, and an auxiliary canopy placed inside the main canopy (see Fig. 1). To increase reliability and improve operational qualities, the auxiliary canopy in the form of a reversed cone is fastened to the main canopy's internal shroud lines, which are brought into a small eye ring connected to the main eye ring by a central strand. Orig. art. has: 1 figure. [WH]

SUB CODE: 01/ SUBM DATE: 03May65/ ATD PRESS: 5049

Card 212/112P

SOURCE CODE: UR/0413/66/000/020/0198/0198

ACC NR: AP6035937

INVENTOR: ~~Privalov, A. I.~~; Kuznetsov, Ye. A.; Il'ichev, V. V.; Khudozhnikov, B. N.; Yegorychev, V. A.; Vel'ko, V. I.

ORG: none

TITLE: Electrohydraulic device for testing aircraft control units. Class 62, No. 187536

SOURCE: Izobreteniya, promyshlennyye obraztsey, tovarnyye znaki, no. 20, 1966, 198

TOPIC TAGS: ~~aircraft testing equipment~~, aircraft control equipment, *hydraulic device, aircraft test, remote control, automatic remote control*

ABSTRACT: An Author Certificate has been issued for an electrohydraulic device for testing aircraft control units, which contains coupled hydraulic, pneumatic (e.g., nitrogen), and electrical systems mounted on a truck-trailer chassis. To provide automatic remote control of the control units of the systems while they are being tested, the device's electrical system has a polarized relay connected to the sliding contact of the control-unit-feedback potentiometer, through an intermediate resistance, and to a current divider consisting of two resistors. This provides power to an intermediate relay coil which is switched over by the control-winding contacts of the vane units.

[WH]
[WA-98]

SUB CODE: 01/ SUBM DATE: 04Mar63/

UDC: 629.13.01/06

Card 1/1

L 45117-66 EWT(m)/T DJ

ACC NR: AP6025636

SOURCE CODE: UR/0413/66/000/013/0153/0153

INVENTOR: Privalov, A. I.; Il'ichev, V. V.; Kovalev, N. I.; Novikov, Ye. D.; Sizov, M. A.

ORG: none

TITLE: Device for checking the working substance in a closed hydraulic system.
Class 72, No. 183626

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 13, 1966, 153

TOPIC TAGS: hydraulic device, hydraulic engineering, hydraulic equipment

ABSTRACT: An Author Certificate has been issued for a device for checking the working substance in a closed hydraulic system. It consists of a main pump, a booster tank, and pressure signaling devices mounted on the pressure and suction lines of the main pump and connected to the closed hydraulic system. To automatically compensate for working-substance losses in the hydraulic system the signaling device mounted on the pressure line actuates a hydraulic pumping cylinder to replace losses, and the signaling device mounted on the suction line turns it off. The pumping cylinder is equipped with a terminal switch which signals the amount of liquid fed into the system. [SA]

SUB CODE: 13/ SUBM DATE: 19May64/

UDC: 623.451.8

Card 1/1 mjs

ACC NR: AP6029994

SOURCE CODE: UR/0413/66/000/015/0196/0197

INVENTOR: Privalov, A. I.; Lukashev, B. F.; Sosnin, A. I.

ORG: none

TITLE: Container for dropping cargo from aircraft. Class 62, No. 184151

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 196-197

TOPIC TAGS: airdrop equipment, armed force logistics, cargo parachute, aerial supply container

ABSTRACT: An Author Certificate has been issued for a container to be used to drop cargo from aircraft, consisting of a cylindrical body with a reinforced bottom, a detachable cover, a compartment for the parachute, and an internal movable container to hold the cargo and to stabilize the parachute, which is fastened to the cover of the container. To increase landing accuracy and protect cargo from damage by high-speed ground landings, a shock absorber has been designed to fit the movable panel of a container made in the form of an inverted rib-shaped channel, which is fastened to the walls of the container and secured by shock cords. To prevent the jamming of the case by the inverted rib-shaped channel of

Card 1/2

UDC: 629.13.01/06

ACC NR: AP6029994

the shock absorber, on its lower ends are placed catches to hold the ribs in the detached position.

SUB CODE: 15, 01/

SUBM DATE: 17Sep64

Card 2/2

DOVZHANSKIY, S.I., kand. med. nauk; LEMESH, Ye.N.; PRIVALOV, G.D.

Serum proteins in patients with uritic dermatoses during
the period of treatment in Sochi-Matsesta health resort.
Vest. dermat. i ven. 37 no.12:29-31 D '63 (MIRA 18:1)

1. Sochinskiy institut kurortologii i fizioterapii (direktor
N. Ye. Romanov) i sanatoriy "Metallurg" (glavnyy vrach
M.V. Logacheva).

FRIVALCV, G.F.

Somatic radiomutations by the box slider (Acar segundo L.).
Biol.MCIP.Ctd.biol. 70 no.1:153-160 Jan '65.

(MIRA 18:6)

PRIVALOV, G.F.

Forms of pine in the experimental arboretum of the Siberian Branch
of the Academy of Sciences of the U.S.S.R. Izv.Sib.otd.AN SSSR
no.5:88-92 '60. (MIRA 13:7)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR.
(Pine)

PRIVALOV, G.F.

Water supply of oak forests in the conditions prevailing in
western Kazakhstan. Dokl. AN SSSR 94 no.5:961-953 P '54. (MLRA 7:2)

1. Institut lesa Akademii nauk SSSR. Predstavleno akademikom
V.N. Sukachevym. (Kazakhstan--Oak) (Oak--Kazakhstan)

PRIVALOV, G.F.

Morphological changes in pine as a result of seed treatment
with gamma rays or colchicine. Izv. SO AN SSSR no. 8 Ser.
biol.-med. nauk no. 2:98-102 '64. (MIRA 1965)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

PRIVALOV, G.F.

Sensitivity of seeds of certain species of woody plants to
ionizing radiations. Radiobiologiya 3 no.5:770-772 '63.
(MIRA 17:4)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN
SSSR, Novosibirsk.

PRIVALOV, G.F.

Experimental mutations in the vegetative organs of woody plants. Dokl. AN SSSR 150 no.3:661-664 My '63.
(MIRA 16:6)

1. Institut tsitologii i genetiki Sibirskogo otdeleniya AN SSSR. Predstavleno akademikom N.V. TSitsinym.
(Woody plants) (Botany—Variation)

PRIVANOV, S.F.

Variability of the ash-leaved maple due to the effect of
X rays and neutrons. Izv. Sib. otd. AN SSSR no.9:9(-10) '77.
(MIRA 14:10)

1. Institut tsitologii i genetiki Sibirs'ogo otdeleniya AN
SSSR, Novosibirsk.

(Maple)

(Plants, effect of radiation on)

STAVTSEV, A.K.; MENDELEV, M.B.; PRIVALOV, G.T.; GAPONOVICH, V.Ye.

First results. Tekst. pren. 24 no.3:84-86 12 '84. (IRA 17:9)

1. Glavnyy inzh. Kiyevskogo kombinata iskusstvennogo i sinteticheskogo volokna (for Stavitsev). 2. Glavnyy inzh. Krasnodarskogo kamvol'no-sukonnogo kombinata (for Mendeleev). 3. Glavnyy inzh. Fryanovskogo kamvol'no-pryadil'noy fabriki (for Privalov). 4. Glavnyy inzh. Pavlo-Posadskogo kamvol'nogo kombinata (for Gaponovich).

VOSKRESENSKIY, Yu. Ye. (Moskva); PRIVALOV, G. V. (Moskva)

Determination of the optimum parameters of the elements of a system for parametric regulation of the voltage and frequency of an a.c. generator with a parallel resonant circuit. Izv. AN SSSR, Otd. tekhn. nauk. Energ. i avtom. no.6:27-33 N-D '62. (MIRA 16:1)

(Electric generators) (Voltage regulators)

PRIVALOV, I.

Analiticheskaya Geometriya (Analytical Geometry)

368 p. 1.75

SO: Four Continent Book List, April 1954

PRIVALOV, I. (Dr.), Physician

Author of article, "Alcohol: The Enemy of the Human Organism."
Sovetskaya Armiya, Group of Soviet Forces, Germany, 15 Aug 1954

SO: SUM 291, 2 Dec 1954

CA Privalov, I. A.

Microbiology 11-6

• Variability of the bacteria of the intestinal group. XVIII
Antibiotic properties of the culture filtrates of bacteria of
the intestinal group. R. I. Zhitova, I. A. Privalov, and
L. V. Rudakova (Inst. Epidemiol. Mikrobiol., Gorki)
Zhur. Mikrobiol. Epidemiol. Immunobiol. 1949, No. 7,
No. 3; *Chuv. Zentr.* 1950, 1, 2245. —Bacteria of the in-
testinal group are understood to include, in addition to coli
bacteria, organisms producing intestinal disease. Coli bac-
teria were shown to be especially active antibiologically.
Species of *Shigella* were less active. The resistance to anti-
biotics varied among bacteria of the same type. The anti-
biotic substances were thermostable and could be adsorbed
on talcum. M. G. Minny

PRIVALOV, I. I.

О Skhodimosti Ryadov Sturm'a-Liouville'ya i Legendre'a. Khrk., Zap. Matem. T-Va (2) 15 (1917), 148-160.

О Priblizhenii Summami Fejer'a Funktsiy, Udovletvoryashchikh Usloviyu Lipschitz'a. Matem., SB., 30 (1918), 521-526.

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О Funktsiyakh, Dayushchikh Odnolistnoye Konformnoye Otobrazheniye. Matem. SB., 31 (1924), 350-365.

О Skhodimosti Sopryazhennykh Trigonometrich-Eskikh Ryadov. Matem. SB., 32 (1925), 357-363.

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О Polinomakh Chebysheva. M., Izv. Ass. In-tov Un-ta, 1-2 (1928), 23-36.
Sur une Propriete Generale des Fonctions Analytiques. C.R. Acad. Sci., 187 (1928), 927-930.

PRIVALOV, I. I. cont.

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Pary Analiticheskikh Funktsiy. Matem. SB., 37 (1930), 77-90.

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1-256.

SO: Mathematics in the USSR, 1917-1947
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Markushevich, A. I.,
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PRIVALOV, I. I.

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*Privalov, I. I. Vvedenie v teoriyu funktsii kompleksnogo peremennogo. [Introduction to the Theory of Functions of a Complex Variable]. 8th ed. Gost arxiv. Izdat. Tekhn.-Teor. Lit., Moscow-Leningrad, 1948. 451 pp.

This is a carefully written and detailed textbook which covers all the material customary in an introductory course and goes as far as the strong form of Cauchy's theorem, Picard's theorem via Bloch's theorem, conformal mapping on the boundary, and classical results on univalent functions.

R. P. Boas, Jr. (Evanston, Ill.)

Source: Mathematical Reviews,

Vol 13 No. 4

(rmw)
P-28

PRIVALOV, I. I.

Privalov, Ivan Ivanovich, 1891-

"Boundary properties of analytical functions." I. I. Privalov. Reviewed by F. D. Gekrov.
Usp. nat. nauk 7 No. 3, 1952.

9. Monthly List of Russian Accessions, Library of Congress, November 1952 ~~1955~~, Uncl.

PREVALOV, Ivan Ivanovich

PRIVALOV, Ivan Ivanovich, 1891- ; TSVETKOV, A.T., redaktor;

GAVRILOV, S.S., redaktor.

[Analytic geometry] analiticheskaya geometriya. Izd. 18., chastično
pererab. dop. Moskva, Gos. izd-vo tekhniko-teoret. lit-ry, 1953.
360 p. (MIRA 7:2)

(Geometry, analytic)

PRIVALOV, I. I.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 675 - I

BOOK

Call No.: QA551.P7

Author: PRIVALOV, I. I.

Full Title: ANALYTIC GEOMETRY, 19th ed.

Transliterated Title: Analiticheskaya geometriya, izd. devyatnastoye

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of Technical and
Theoretical Literature

Date: 1954

No. pp.: 299

No. of copies: 100,000

Editorial Staff

Contributors to the text: G. A. Olisov, H. Ya. Sysoyeva, Ye. Ye. Brenev and Prof. P. K. Rashevskiy, Head, Mathematical Department, Moscow Electromechanical Institute of Railroad Transport.

PURPOSE: Approved by the Main Administration of Higher Education of the Ministry of Culture of the USSR as a textbook for institutions of higher technical education.

TEXT DATA

Coverage: The book is divided into two parts: I, plane analytic geometry; II, solid analytic geometry. Part I is divided into seven chapters: Chapter I, coordinate method; chapter II, lines and their equations; chapter III, the straight line; chapter IV, elementary

Analiticheskaya geometriya, izd. deviatnadsatoye

AID 675 - I

theory of the conic section; chapter V, the transformation of coordinates; chapter VI, determinants of the second and third order; chapter VII, analysis of the general equation of the second order. Part II is divided into six chapters: Chapter I, coordinate method in space; chapter II, elements of vectorial algebra; chapter III, geometrical meaning of equations; chapter IV, the plane; chapter V, the straight line; chapter VI, cylindrical and conical surfaces. Another classic textbook of this kind used in the USSR is that written by Prof. Finnikov, S. P., which differs from Privalov's by its use of vectorial method. Both of these books are excellent textbooks for students of technical schools.

No. of References: None

Facilities: None

2/2

PRIVALOV, I. I.

PHASE I TREASURE ISLAND BIBLIOGRAPHICAL REPORT

AID 602 - I

BOOK

Call No.: AF628297

Author: PRIVALOV, I. I.

Full Title: INTRODUCTION TO THE THEORY OF FUNCTIONS OF COMPLEX
VARIABLE. 9th edition

Transliterated Title: Vvedeniye v teoriyu funktsiy kompleksnogo
peremennogo. Izd. 9-oe

PUBLISHING DATA

Originating Agency: None

Publishing House: State Publishing House of Technical and Theoretical
Literature

Date: 1954 No. pp.: 444

No. of copies: 15,000

Editorial Staff:

Editor: Markushevich, A. I.

PURPOSE: A textbook for colleges and universities approved by the Main
Administration of Higher Education of the Ministry of Culture of
the S.S.S.R.

TEXT DATA

Coverage: In the introduction, the author says that the book pre-
sents the study of the properties of functions of the complex vari-
able $z = x + y\sqrt{-1}$, where x and y are real independent variables.
These functions are widely applied in theoretical physics, hydro-

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Vvedeniye v teoriyu funktsiy kompleksnogo peremennogo.
Izd. 9-oe

AID 602 - I

dynamics, theory of elasticity, celestial mechanics and in pure mathematics, e.g., algebra, analytical theory of numbers, differential equations, etc. The theory is unquestionably necessary in mathematical education and helps solve the most difficult problems, e.g., the three bodies problem.* The book is divided into 13 chapters, each of which is followed by exercises. Chapter 1 describes properties of complex numbers, limits, series; Ch. 2, functions of a complex variable, series, differential functions, conformal representation; Ch. 3, linear and other simple transformations, Euclidean representation of Lobachevskiy's geometry, hypercycles; Ch. 4, Cauchy's theorem, Cauchy's integral; Ch. 5, series of analytic functions, their expansion into power series; Ch. 6, isolated essential singularities of a one-valued function, Laurent's series, singularity pole, analytic functions, application to hydrodynamics; Ch. 7, theory of residues and its applications, Rouché's theorem; Ch. 8, theorems of Picard and Landau, Schottky's inequality, general theorem of Picard; Ch. 9, infinite products, convergent and divergent, basic principle of convergence, applications, Weierstrass' formula, generalization of uniqueness of analytic functions;

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Vvedeniye v teoriyu funktsiy kompleksnogo peremennogo.
Izd. 9-oe

AID 602 - I

Ch. 10, analytic continuation; Ch. 11, elements of the theory of elliptical functions, Weierstrassian functions, Jacobian elliptical functions; Ch. 12, general principles of the theory of conformal representation, "principle of reflection" of Riemann-Schwartz, Schwartz' lemma and its application to the evaluation of the derivative of a function, uniqueness of analytic functions, conformal representations; Ch. 13, general properties of one-valued analytic functions. The book is concluded with a general index.
No. of References: Several in text and footnotes, mainly Russian 1926-1950.
Facilities: None

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PRIVALOV, I. I.

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✓ 51345. Privalov, I. I. Analytic geometry [Analiticheskaya geometriya], 20th ed., Moscow, Gosud. Izdat. Tekh.-Teor. Lit., 1955, 299 pp. 0.90 rubles.

This textbook for the Russian technical high schools covers the ordinary basic material needed in technical practice. Content is divided into two parts: plane and space geometry.

First main section consists of 7 chapters with 80 subtopics; the following part has 6 chapters and 59 subsections. Each chapter ends with numerous examples for exercise. There are altogether 431 such examples in the book; the more difficult of them are provided with solutions.

Presentation is clear and vivid, with emphasis on pedagogical approach. Heading is quite easy, nevertheless very useful. Paper and print satisfy all requirements made of a good textbook for students and teachers at high schools.

The book can be recommended as a first course on the subject.

V. Vodička, Czechoslovakia

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Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 7, p 60 (USSR)

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TITLE: Open-hearth Procedures With Oxygen-enriched Air (O tekhnologii martenovskogo proizvodstva stali s primeneniym kisloroda dlya obogashcheniya vozdukha)

PERIODICAL: Byul. nauchno-tekhn. inform. Ural'skiy n.-i. in-t chernykh metallov, 1957, Nr 3, pp 50-63

ABSTRACT: The experience of the Novo-Tagil Metallurgical Kombinat in using O₂ in its 380-t furnaces is presented. Only magnesite was used to service the furnaces. Charging was performed in from 1 hr to 1 hr 20 min. Melt-down time was significantly reduced. Utmost removal of P is facilitated by running off the slag without keeping it in the furnace. Slags from heats in which O₂ is used are characterized by higher basicity. The formation of the slag is accelerated. During the period when the O₂ operation of the furnace was being developed, an elevated C % was noted, but all conditions exist to attain a faster rate of C burn-off. [Mn] in heats with O₂ is somewhat higher

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Open-hearth Procedures With Oxygen-enriched Air

than in heats without O_2 . $[P]$ dropped to 0.012% instead of 0.02% in heats without the use of oxygen. The use of O_2 has a favorable effect on $[S]$ although it is the lower, the more rapid the conduct of the heat. The following conclusions are drawn from the experimental heats conducted: use of O_2 increased output per open-hearth furnace by 15.6%; charging-box capacity should be raised from 1.24-1.75 m^3 . The time required to heat the charge can be reduced to 40 or 50 min. Further increase in output depends upon organizational and technical measures, including an increase in the dimensions of the smelting volume of the furnace.

M.P.

1. Open hearth furnaces--Performance
2. Oxygen--Applications

Card 2/2

PRIVALOV, Ivan Ivanovich [deceased]; GAL'PERN, Samariy Aleksandrovich;
UGAROVA, N.A., red.; MURASHOVA, N.Ya., tekhn.red.

[Fundamentals of analysis of infinitely small numbers; manual
for self-education] Osnovy analiza beskonechno малыkh;
posobie dlia samoobrazovaniia. Izd.3., perer. Moskva, Gos.
izd-vo fiziko-matem.lit-ry, 1959. 251 p. (MIRA 12:7)
(Calculus)

PRIVALOV, Ivan Ivanovich; UGAROVA, H.A., red.; ERUDNO, K.F., tekhn.
red.

[Analytic geometry] Analiticheskaya geometriya. Izd. 27,
perer. i sokrashchennoe. Moskva, Fizmatgiz, 1962. 272 p.
(MIRA 15:10)

(Geometry, Analytic)